

alternative spliced exons	no. of amino acids encoded
$\alpha$	21
$\beta$	37
$\gamma$	38

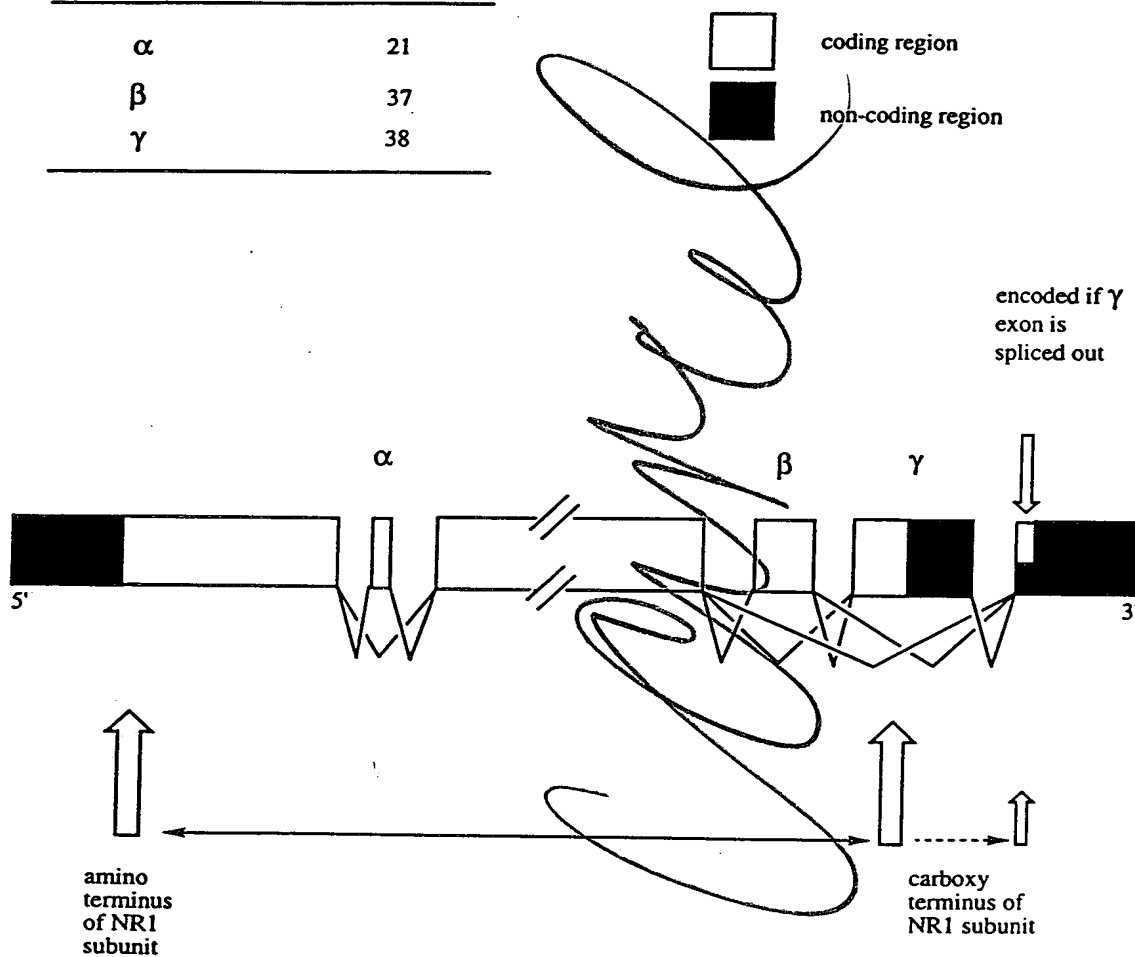
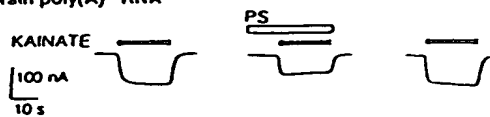
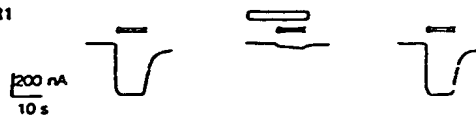


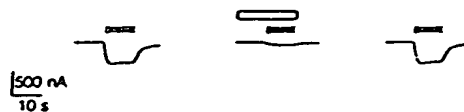
FIG. 1

A Rat brain poly(A)<sup>+</sup> RNA

## B GLUR1



## C GLUR3



## D GLUR6

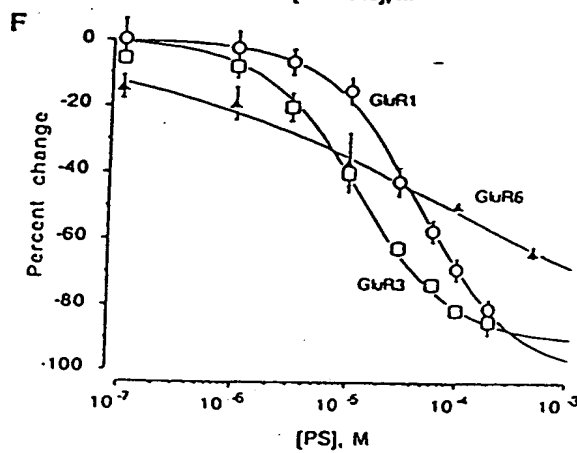
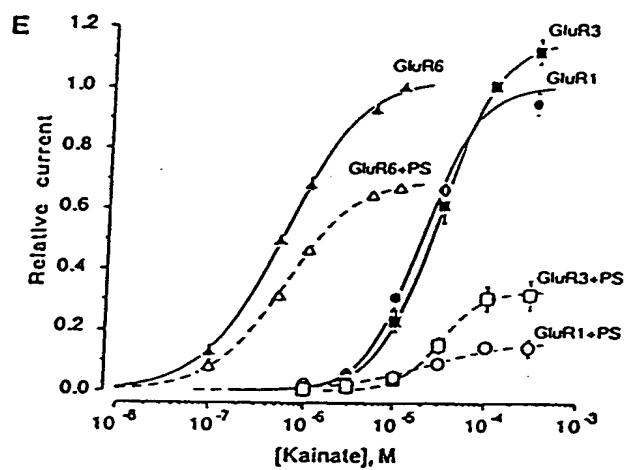
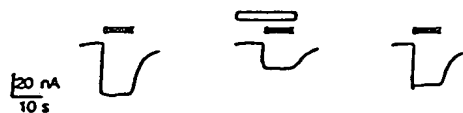


FIG. 2

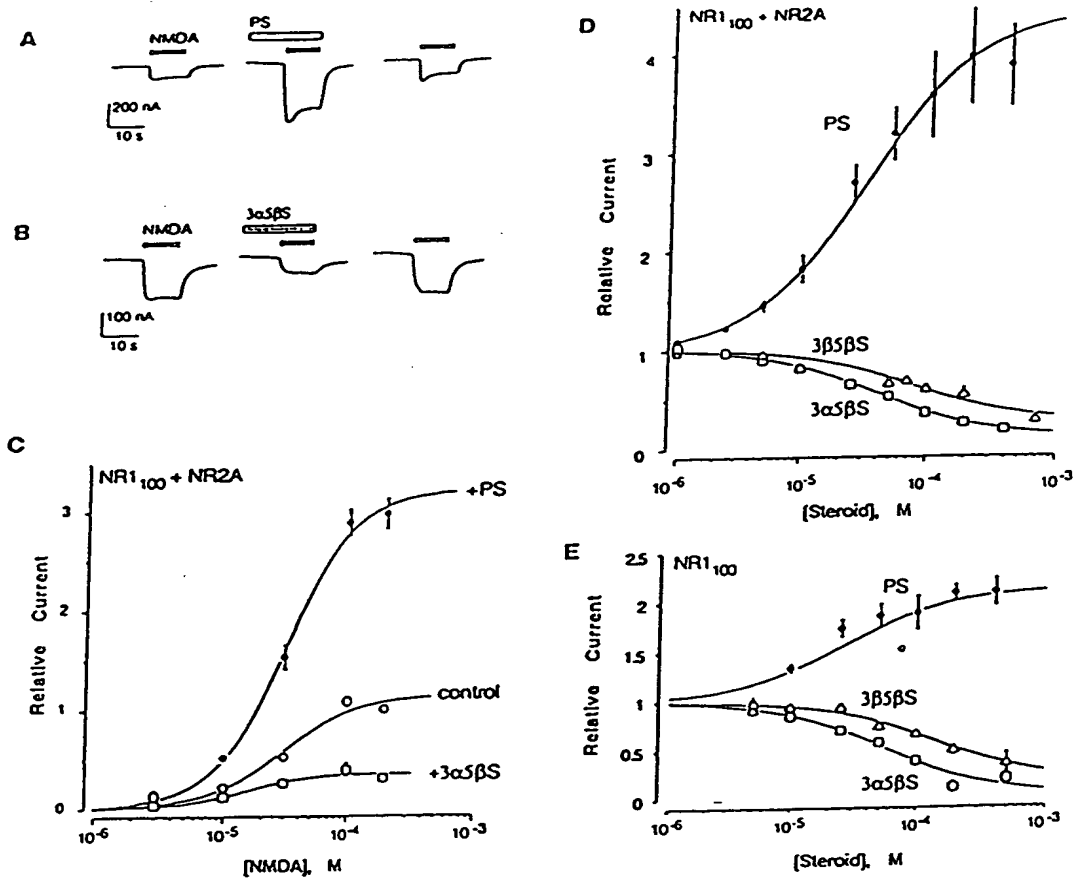


FIG. 3

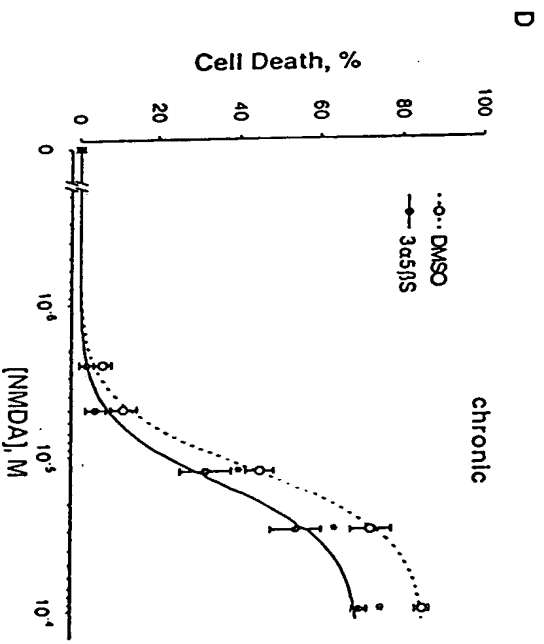
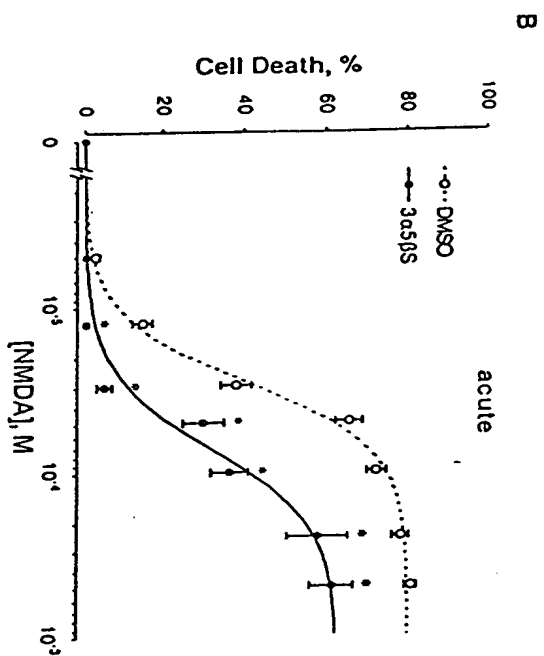
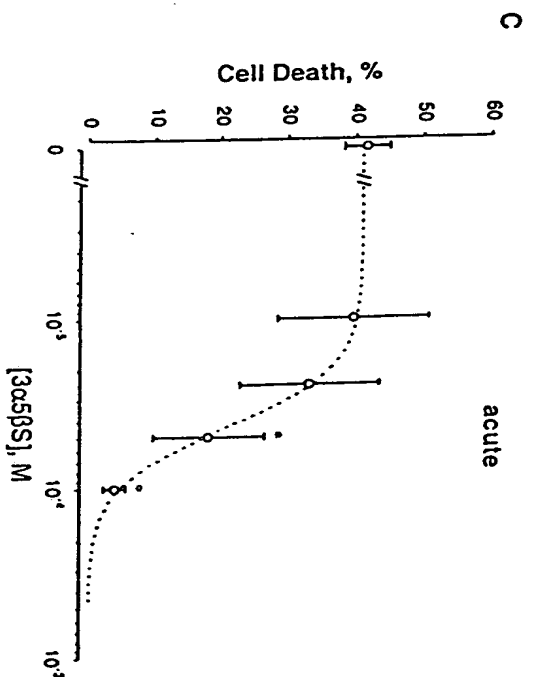
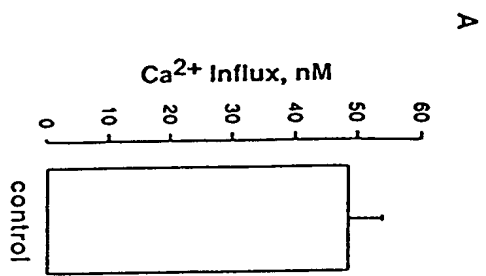


FIG. 4

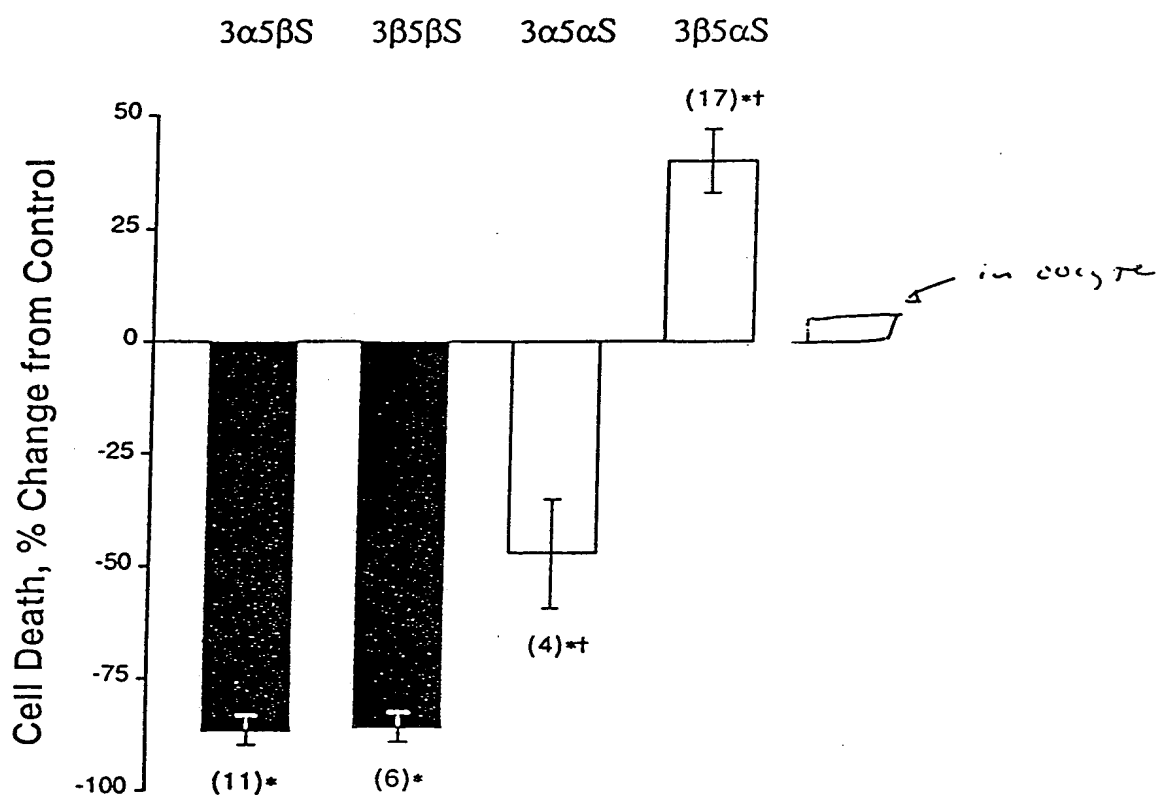


FIG. 5

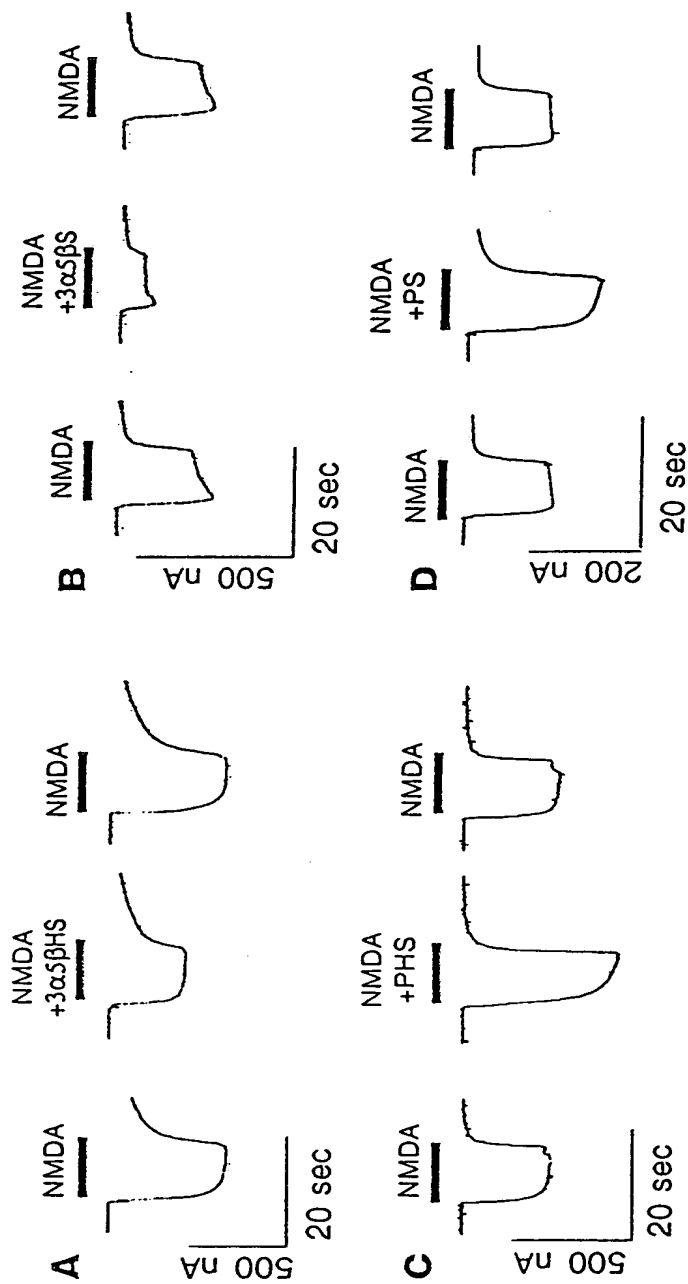


FIG. 6

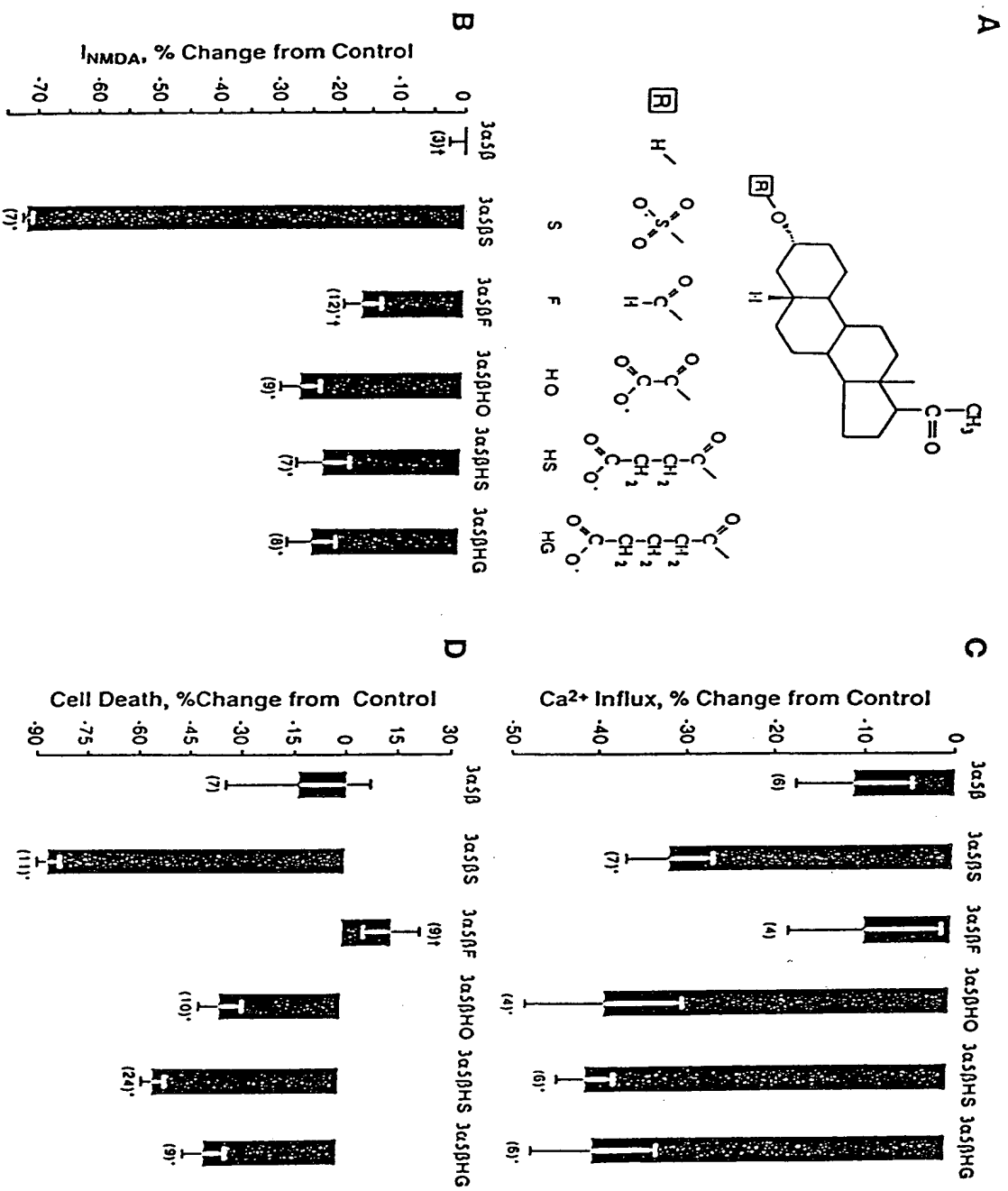


FIG. 7

09652345-083100

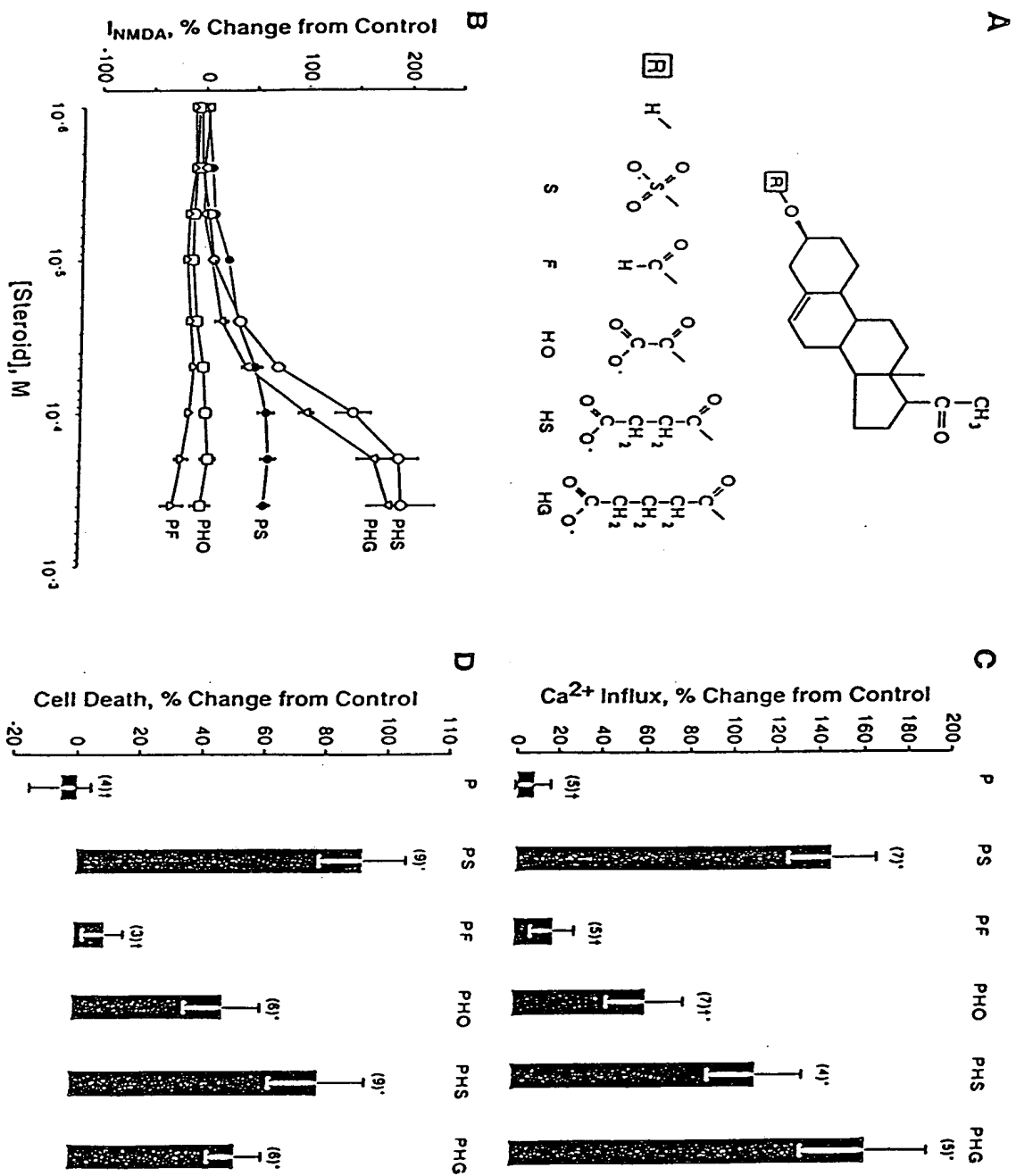


FIG. 8

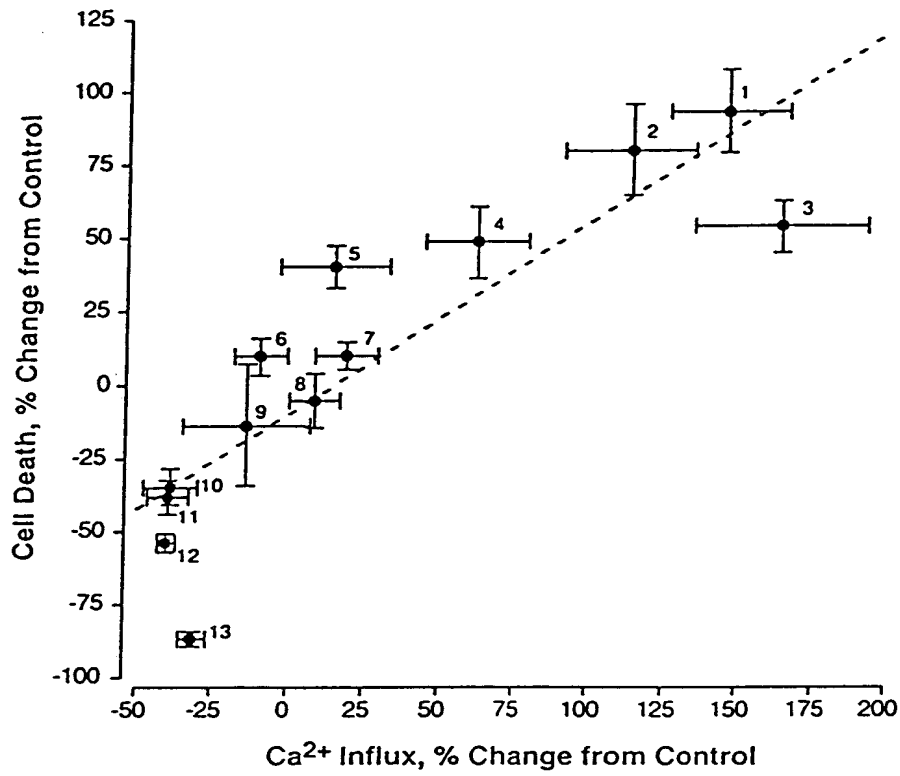
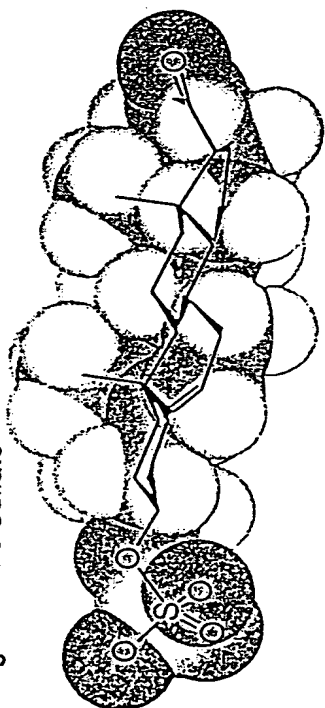


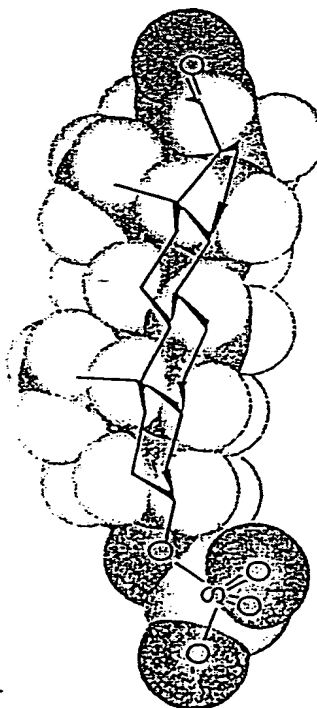
FIG. 9

Positive Modulators

Pregnenolone Sulfate

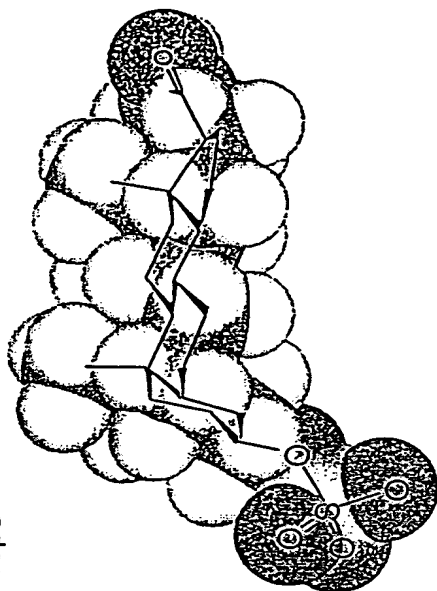


3 $\beta$ 5 $\alpha$ S



Negative Modulators

3 $\alpha$ 5 $\beta$ S



3 $\beta$ 5 $\beta$ S

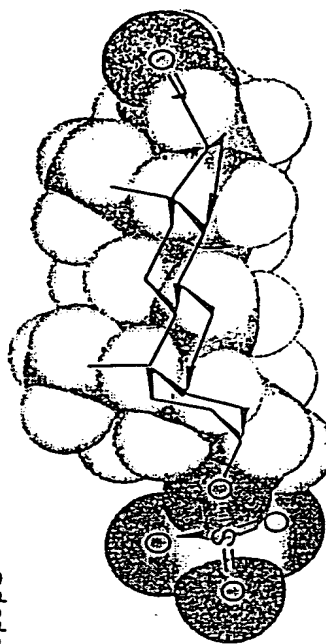


FIG. 10

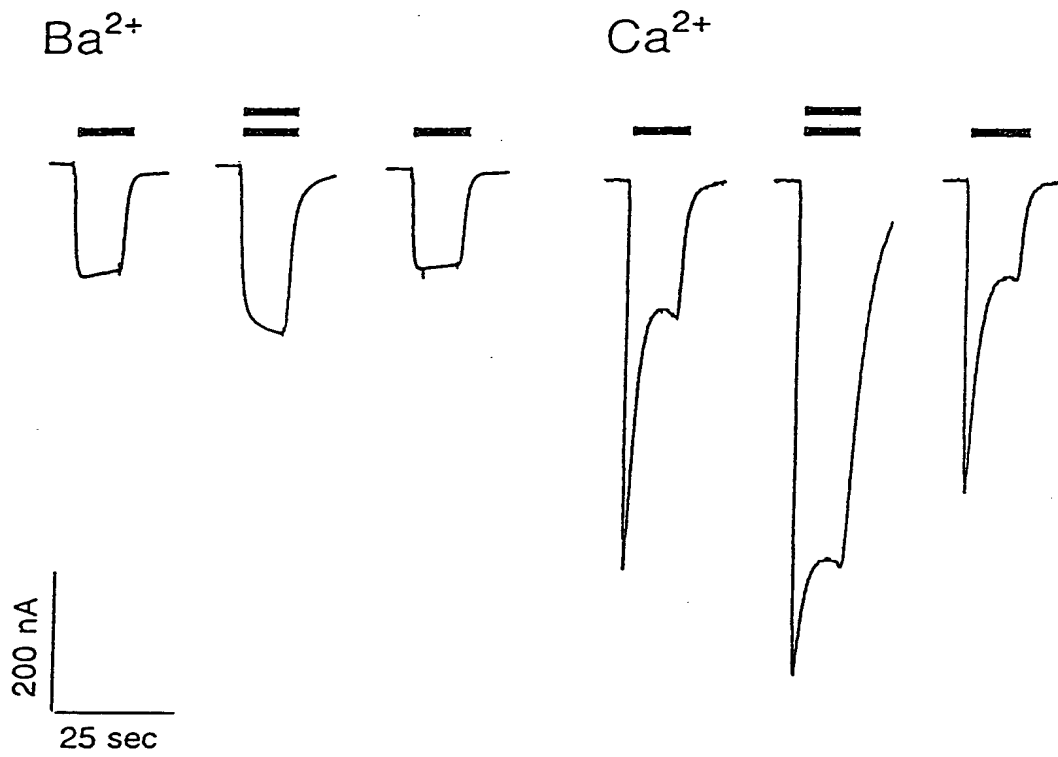


FIG. 11

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NR1<sub>xxx</sub>/NR2A  
NR1E/NR2A

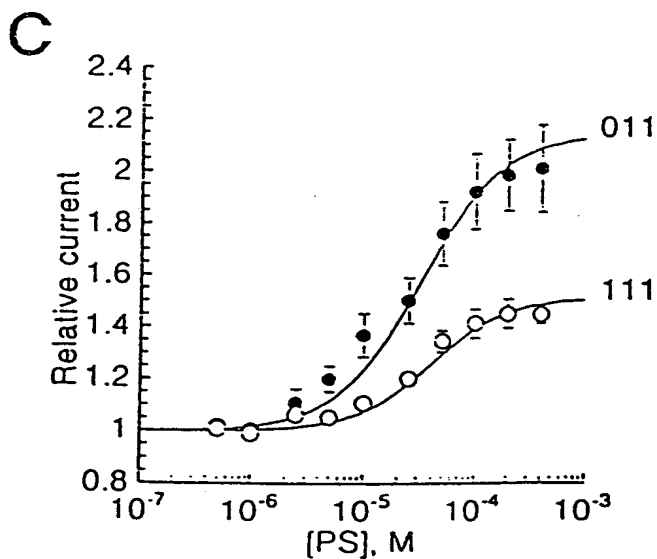
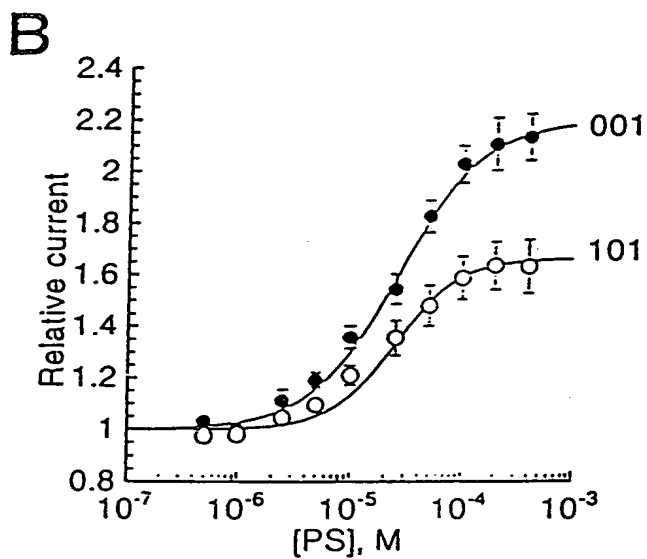
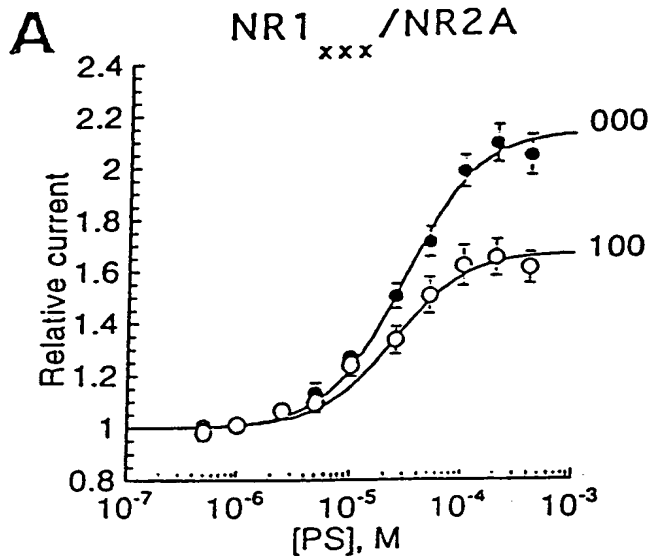
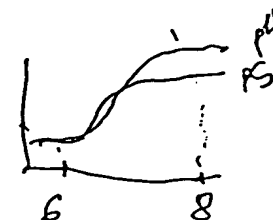


FIG. 12



007E80" 54E25960

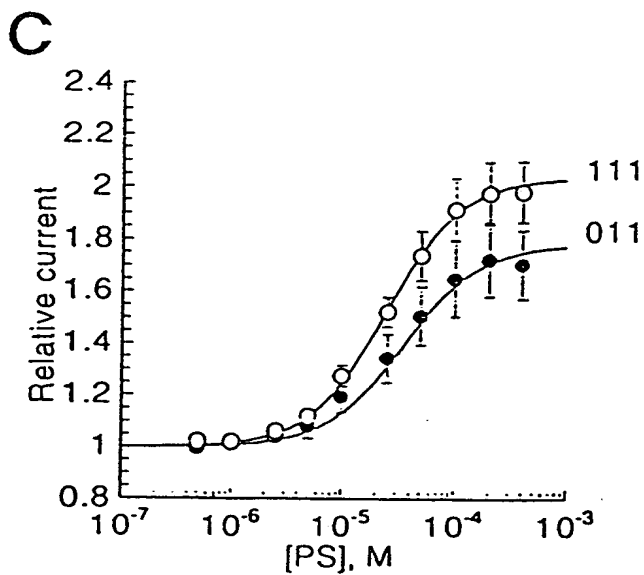
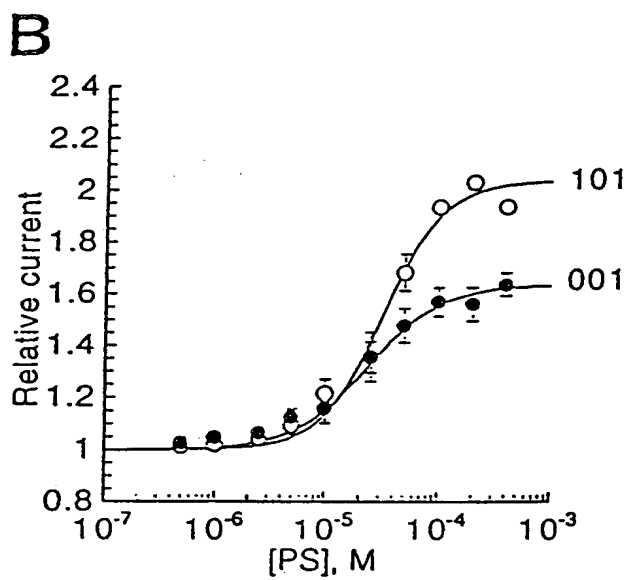
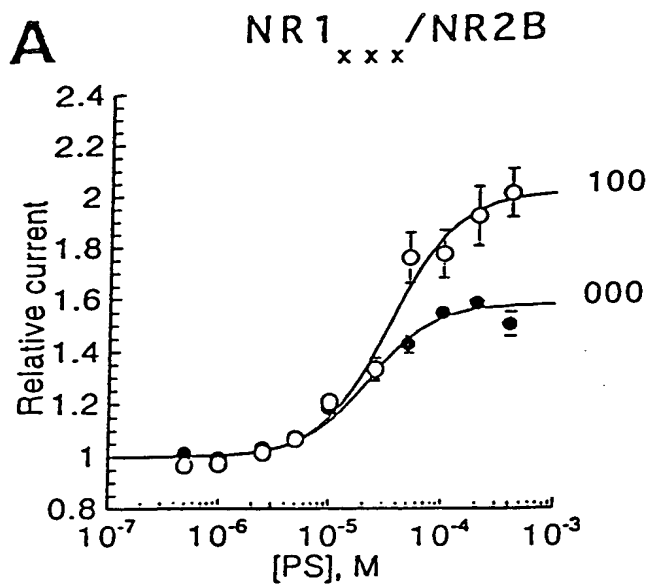


FIG. 13

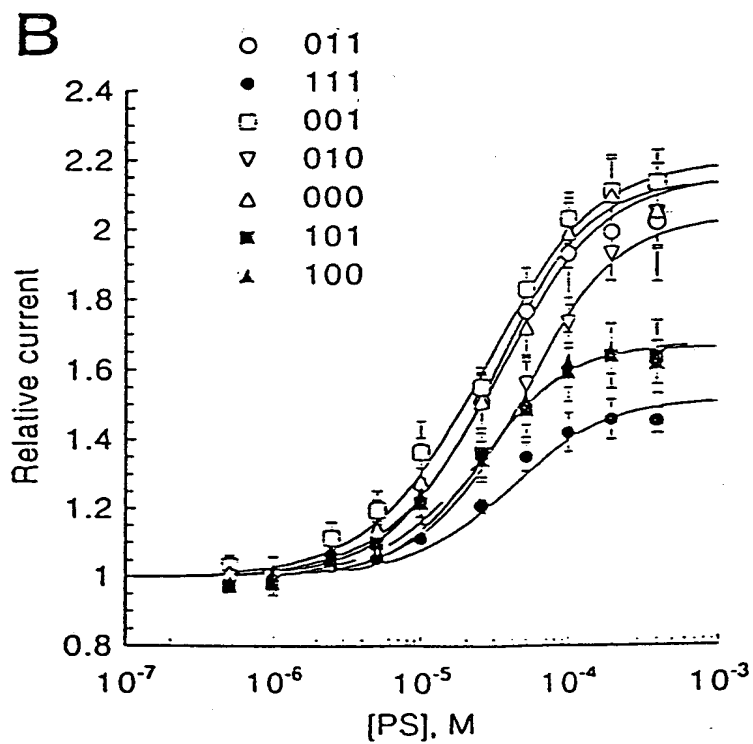
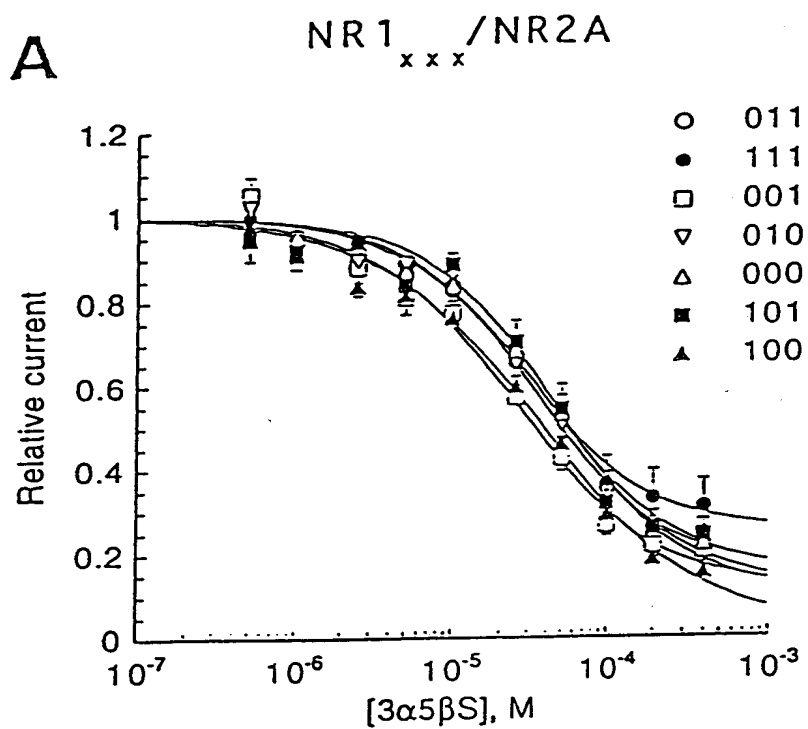


FIG. 14

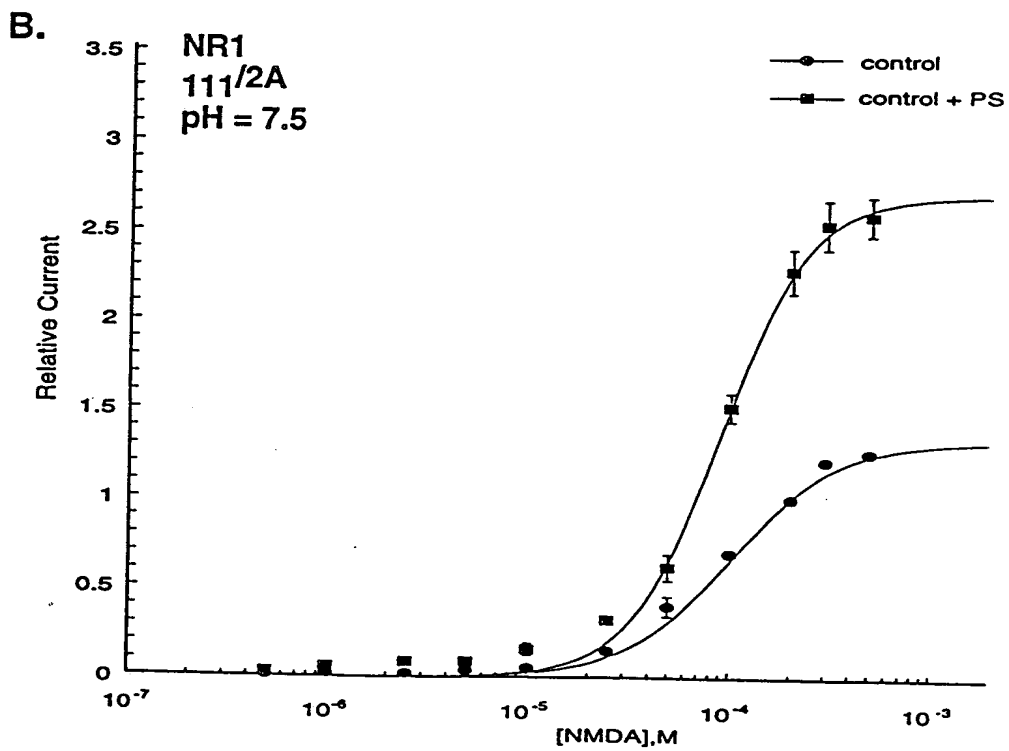
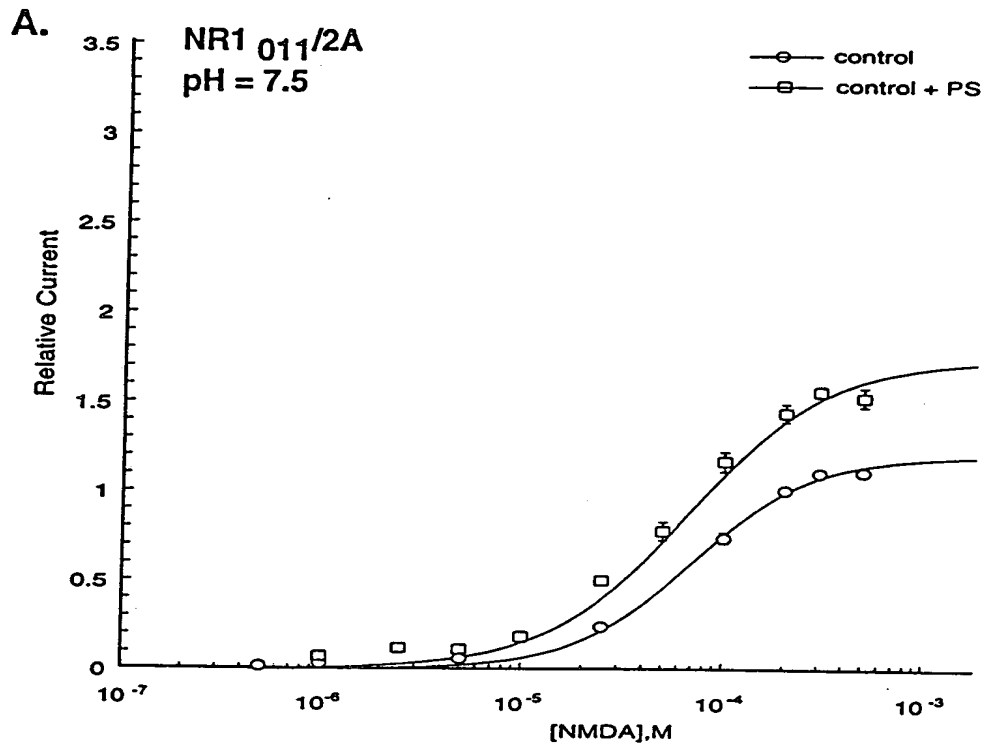


FIG. 15

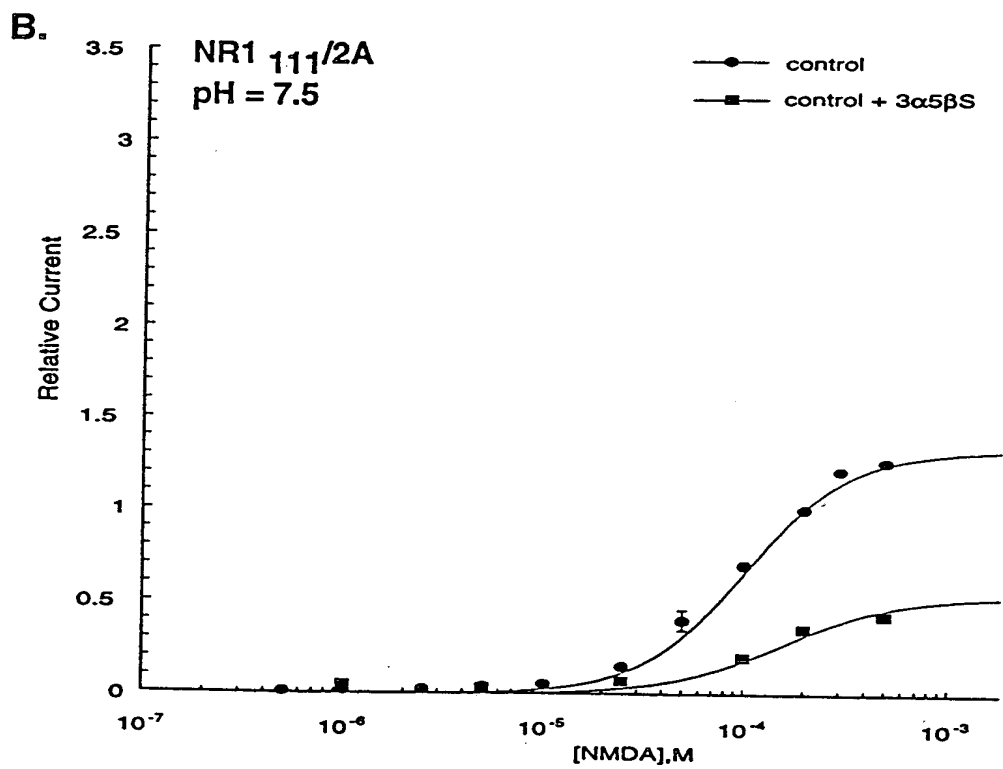
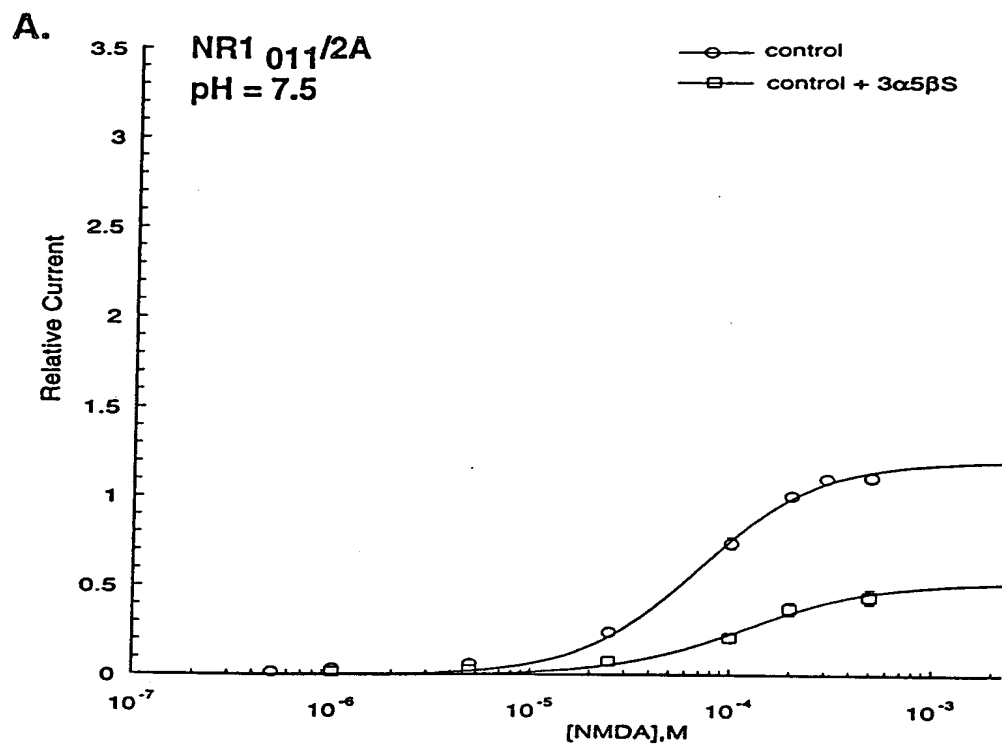
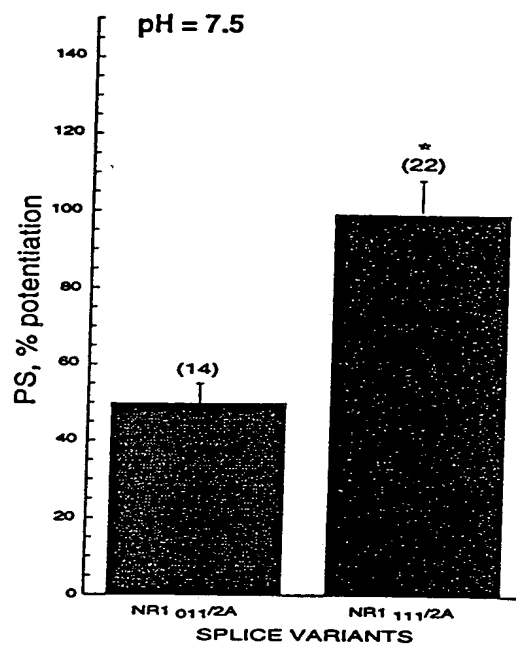


FIG. 16

A.



B.

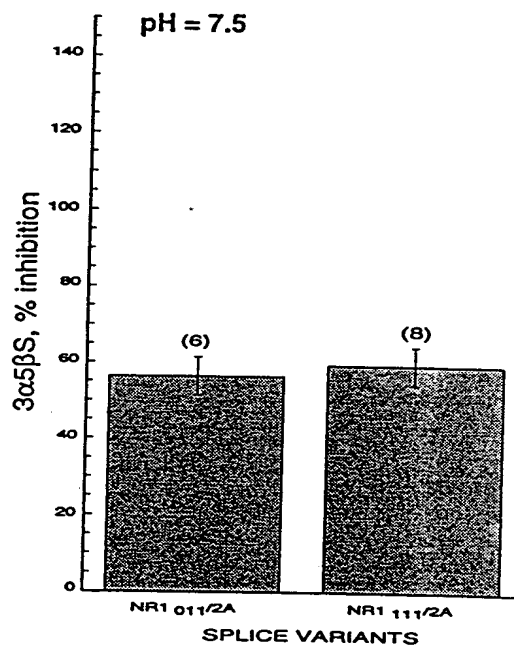


FIG. 17

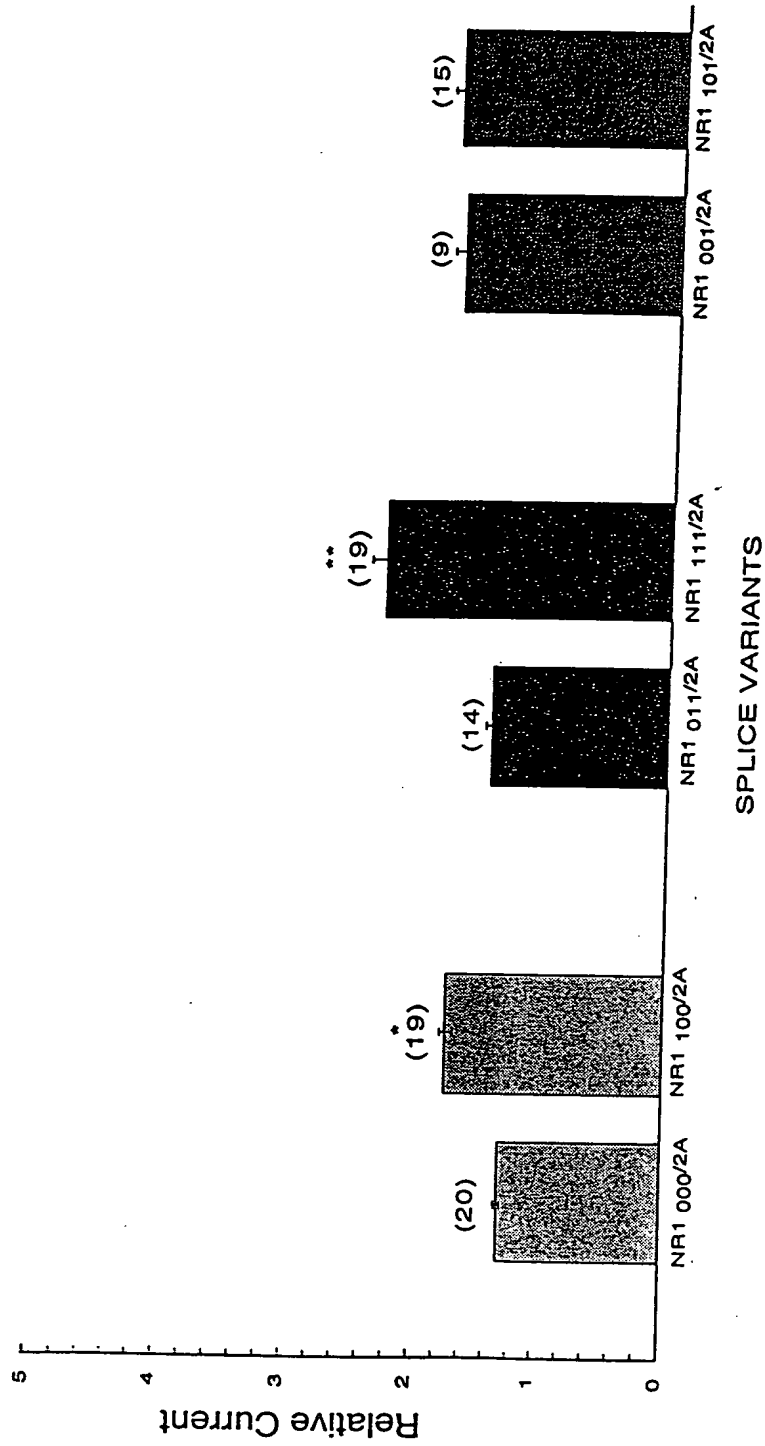


FIG. 18

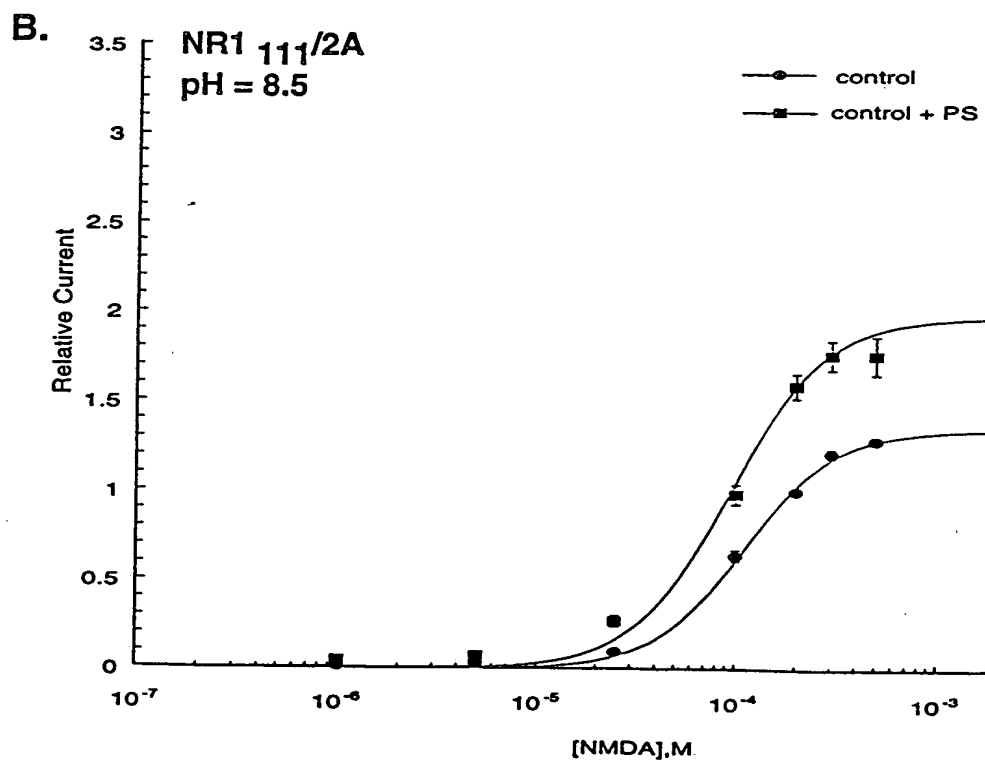
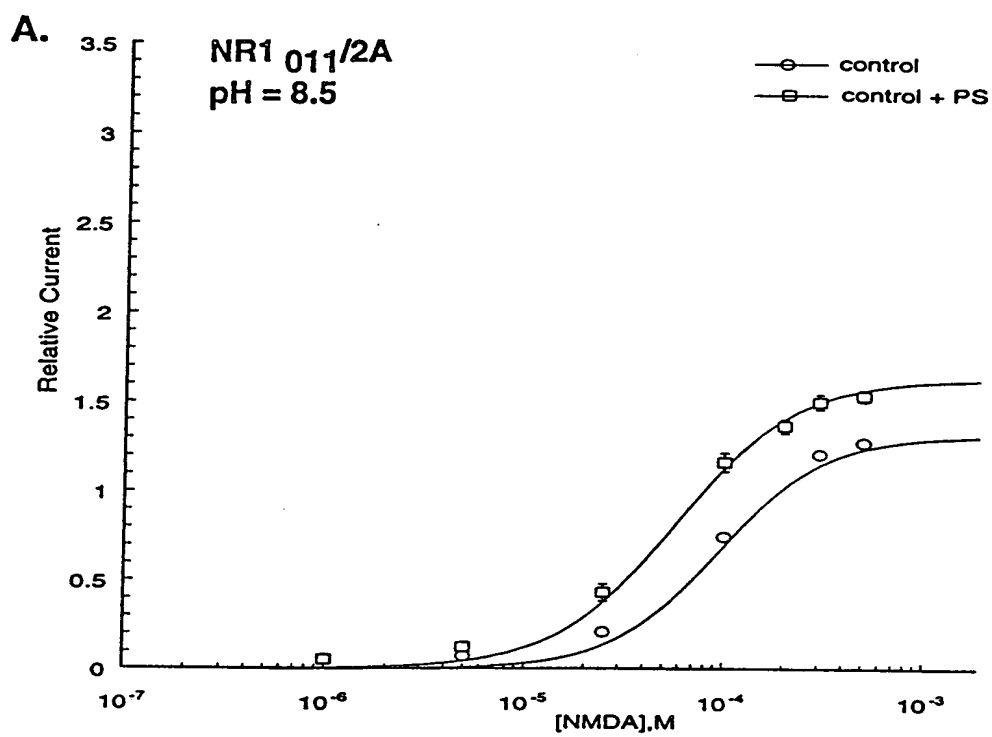
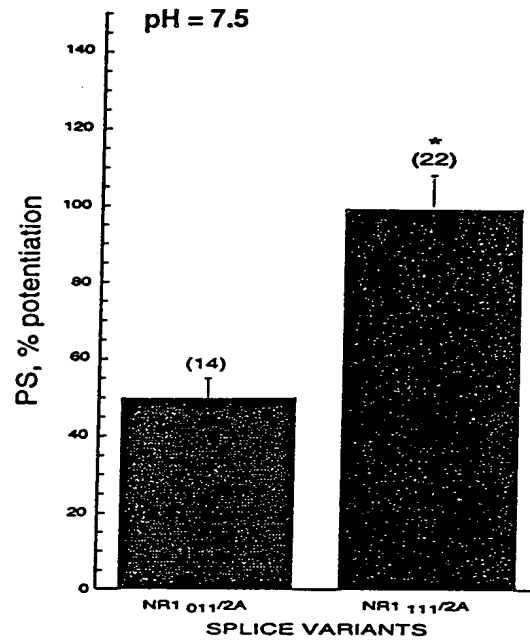


FIG. 19

A.



B.

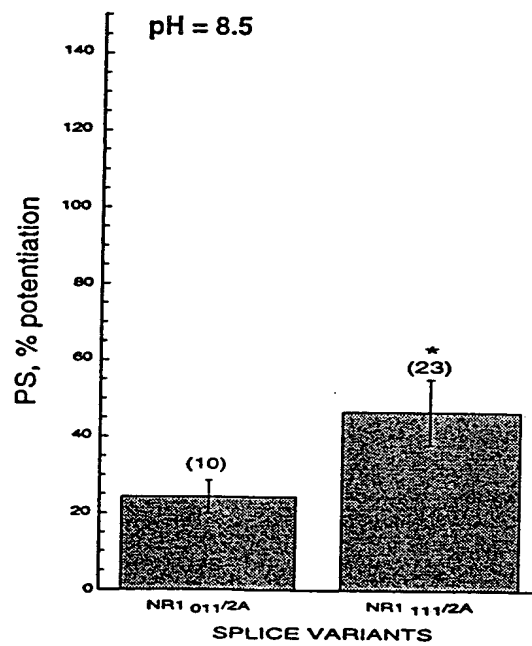


FIG. 20

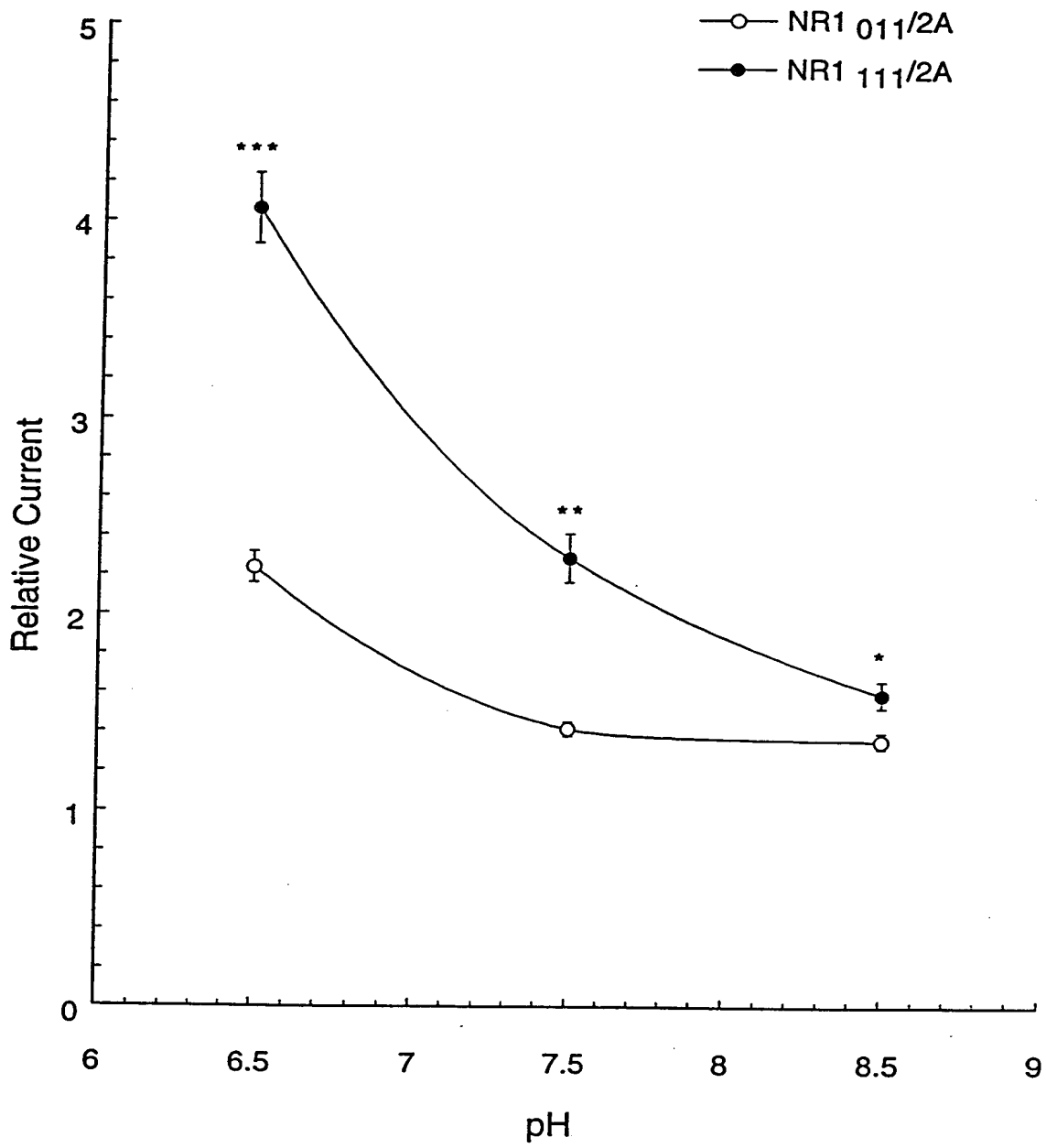


FIG. 21

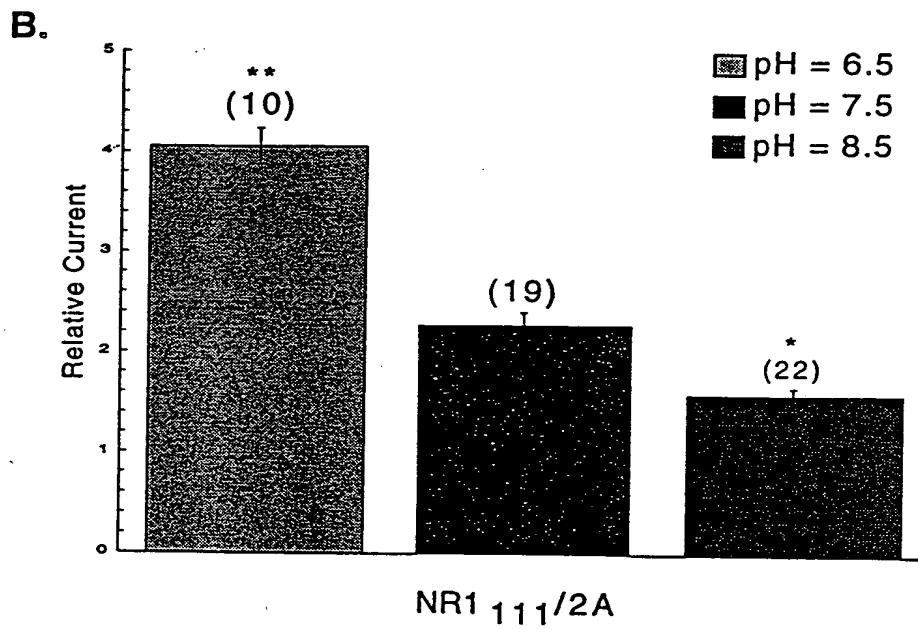
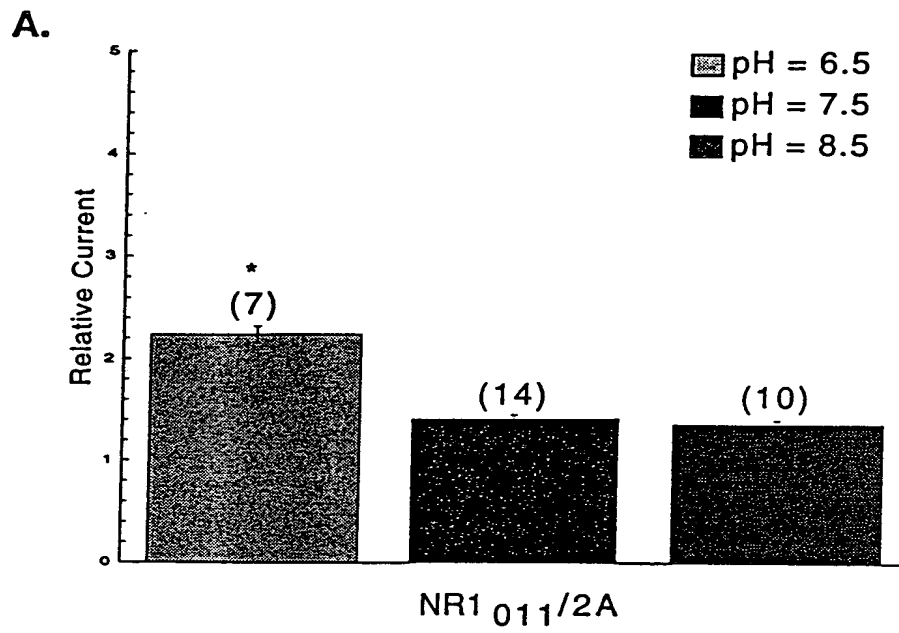


FIG. 22



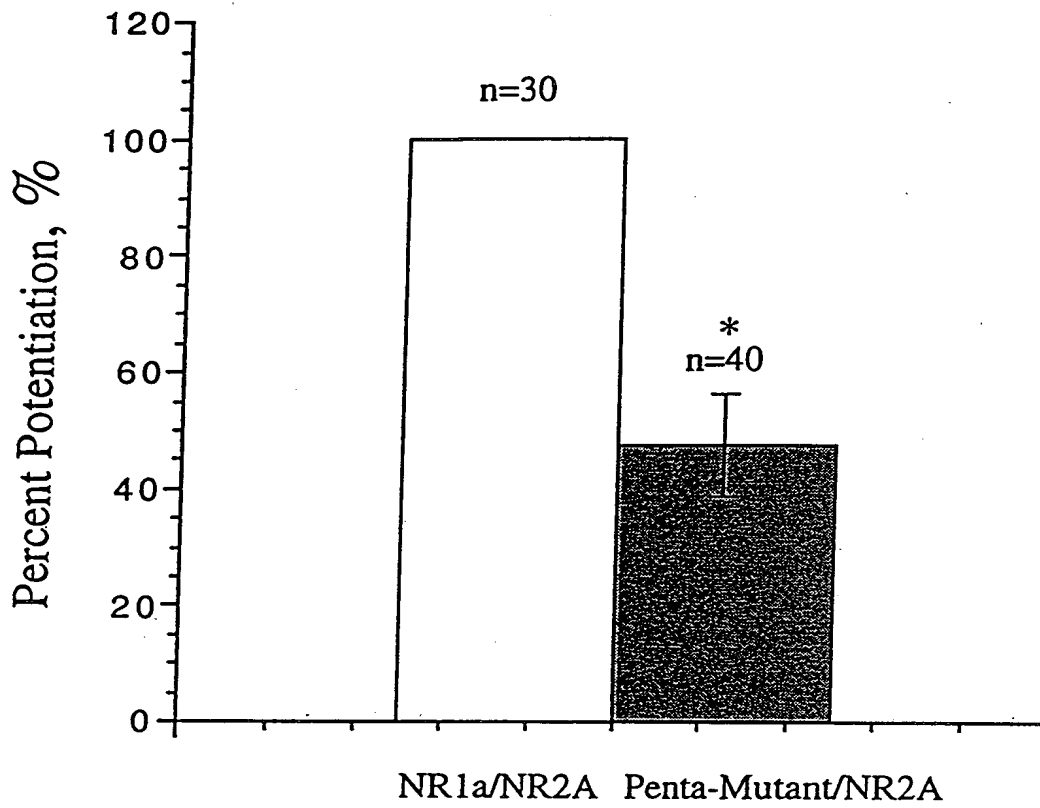


FIG. 24

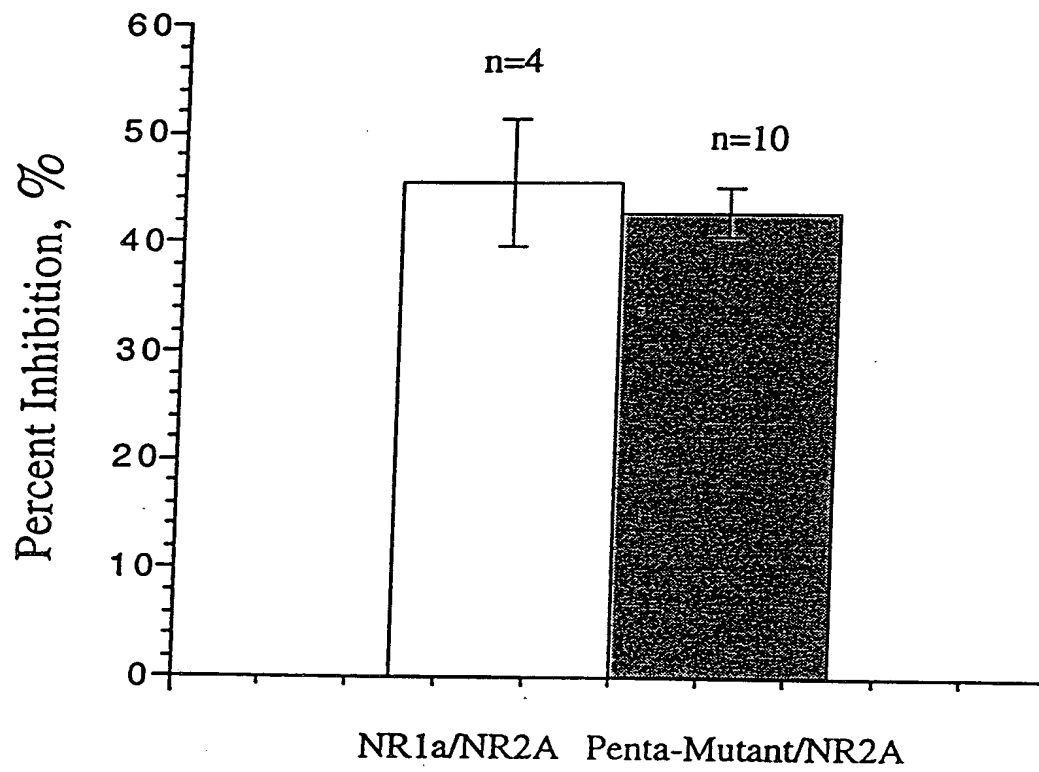


FIG. 25

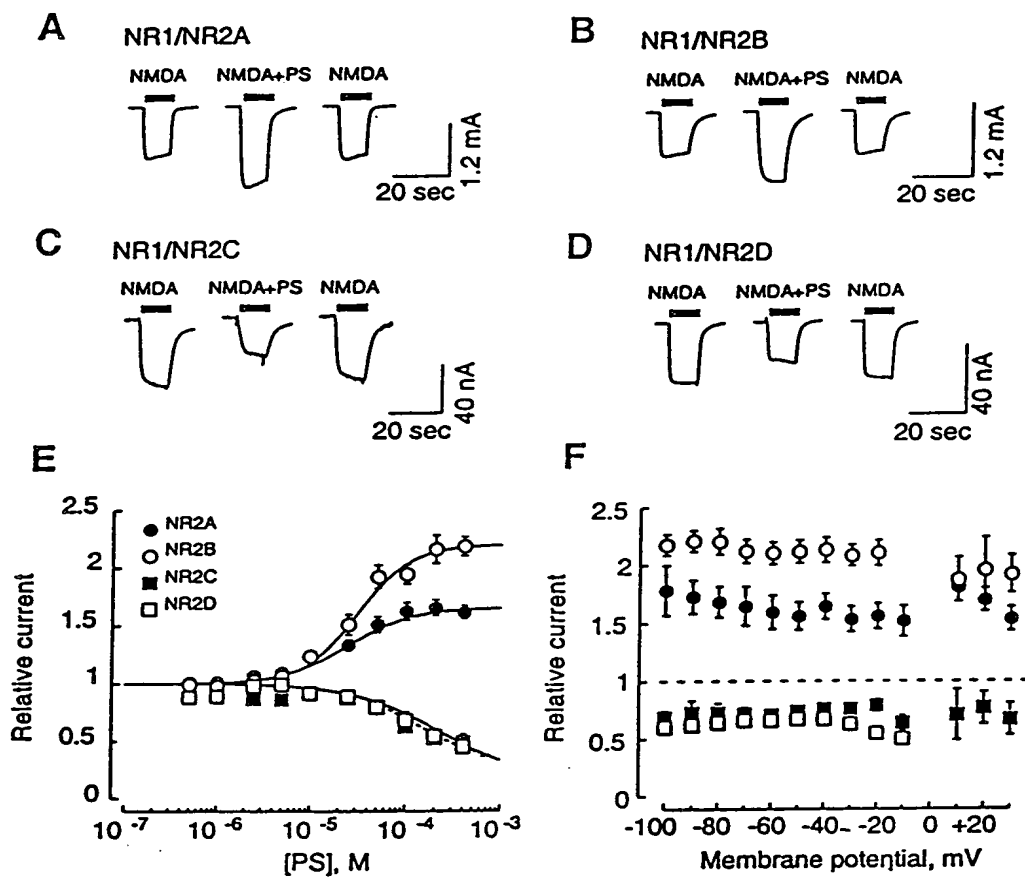


FIG. 26

--○-- Glutamate      --□-- NMDA  
 ● Glutamate + PS      ■ NMDA + PS

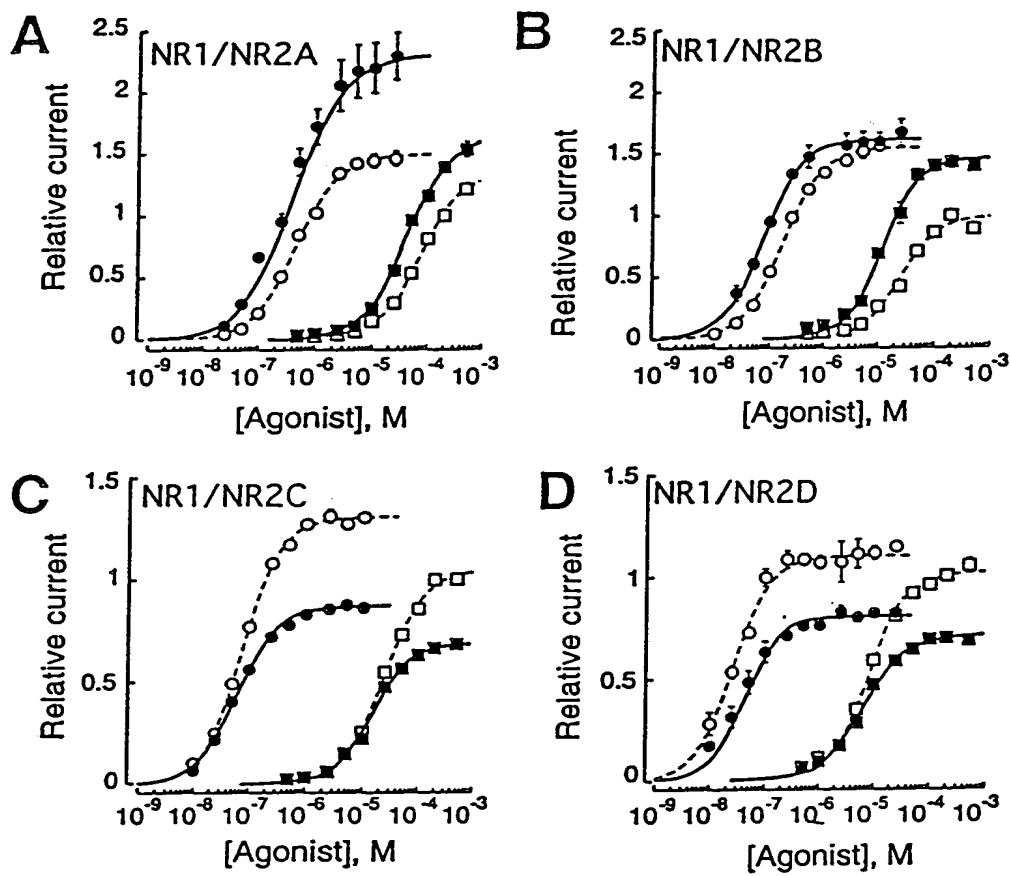


FIG. 27

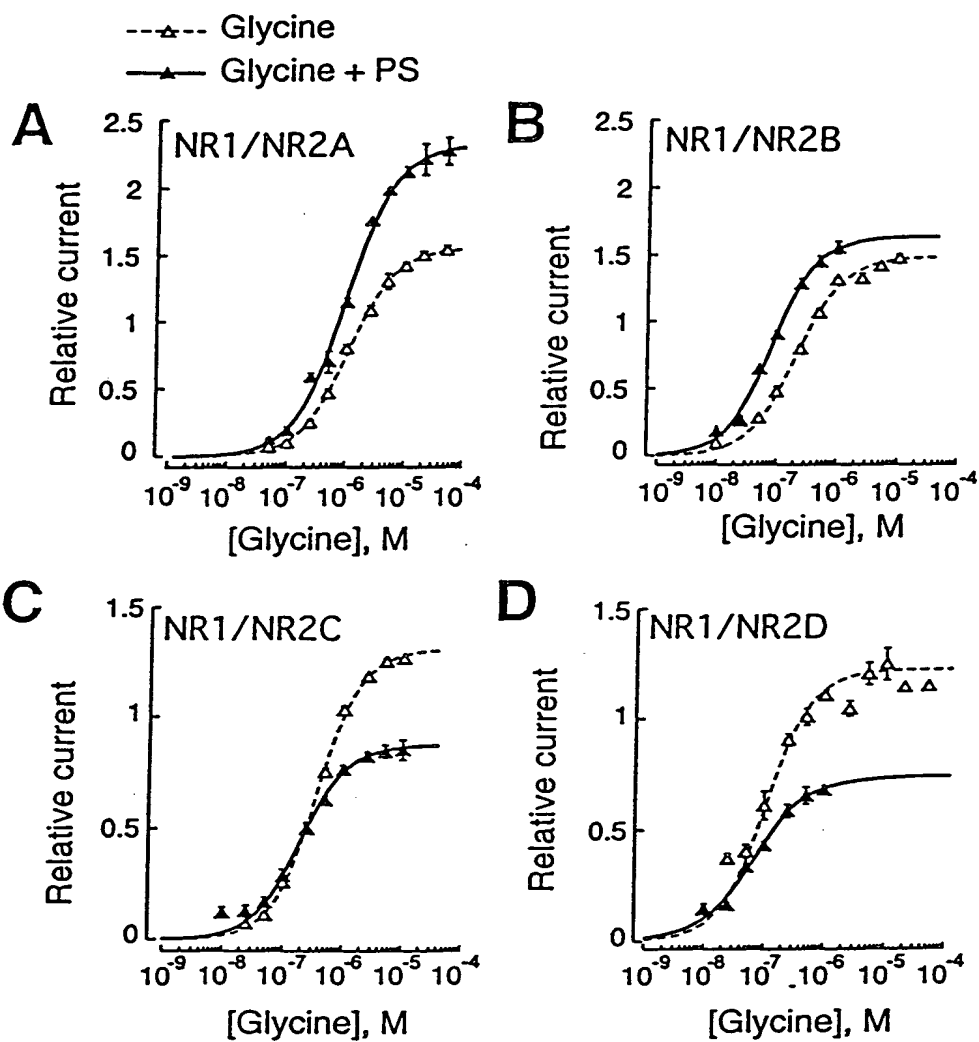


FIG. 28

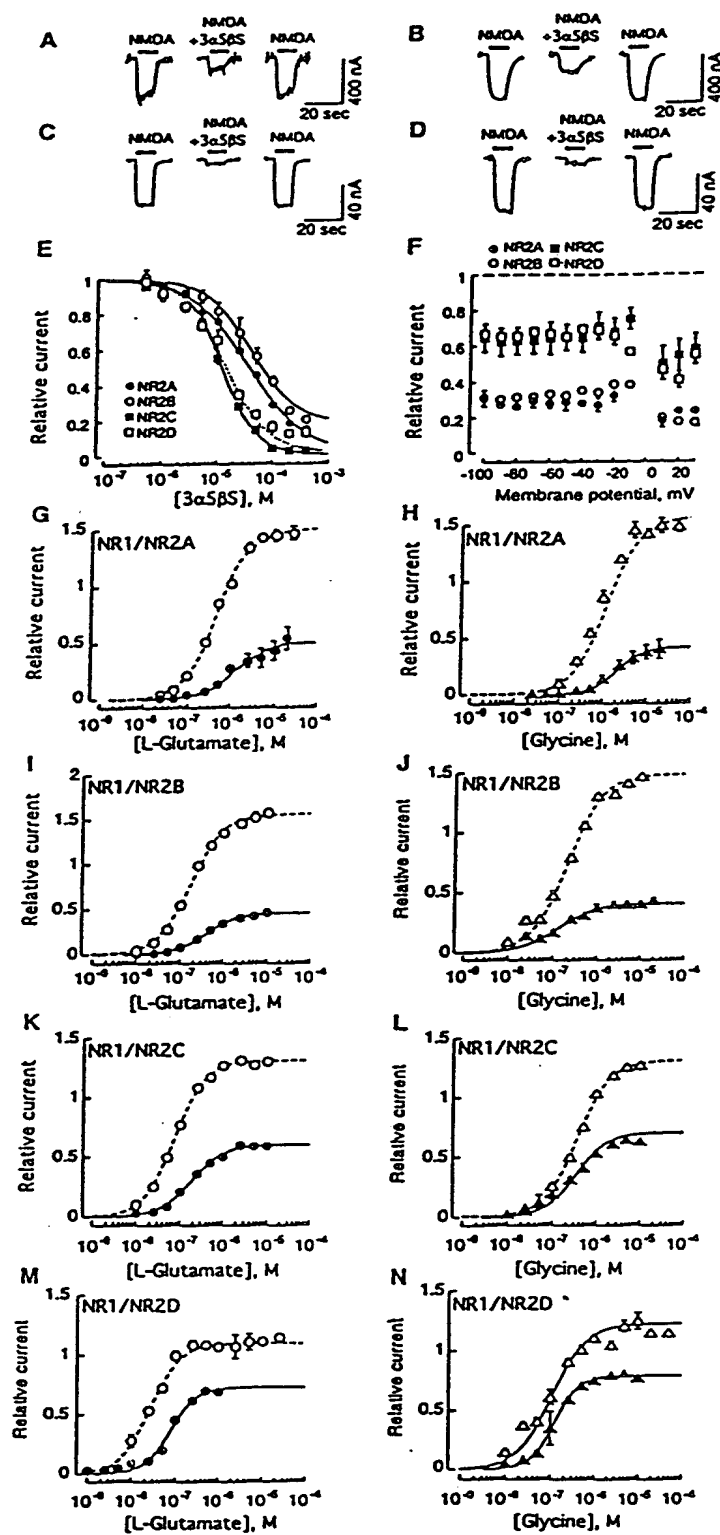


FIG. 29

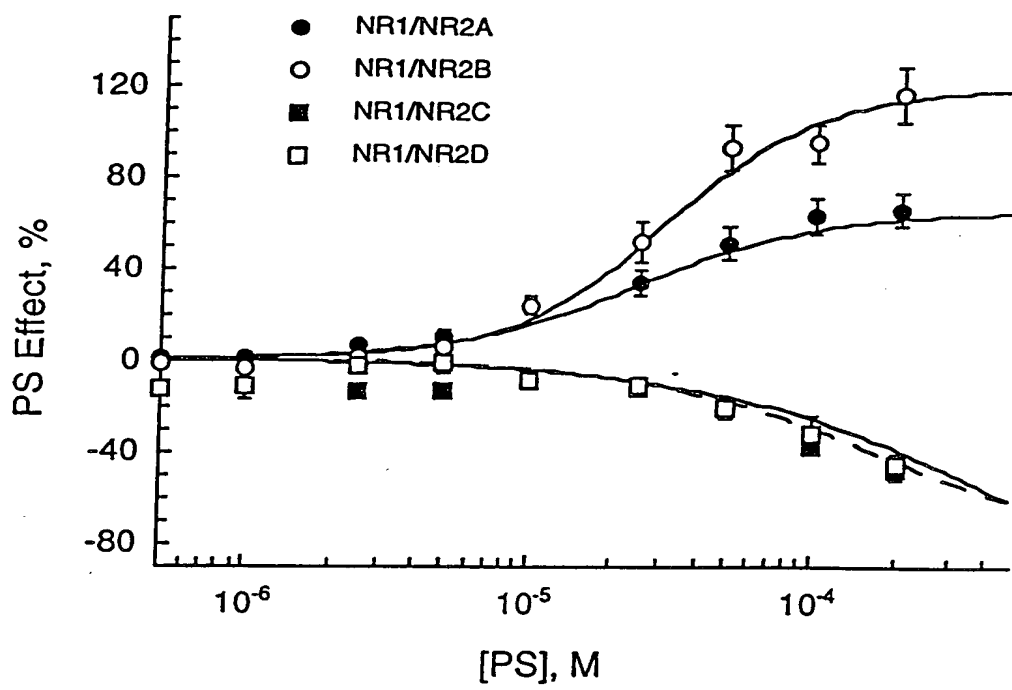


FIG. 30

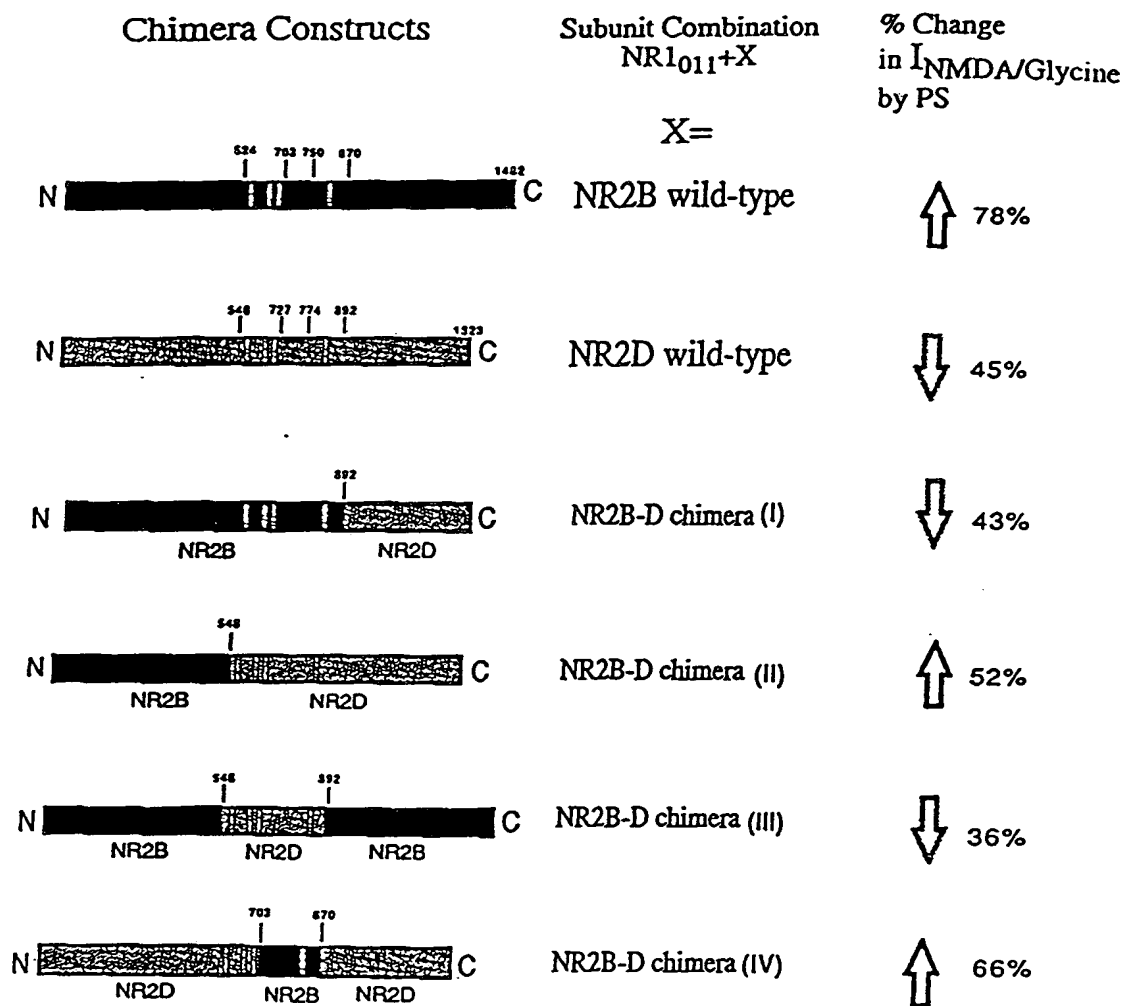


FIG. 31

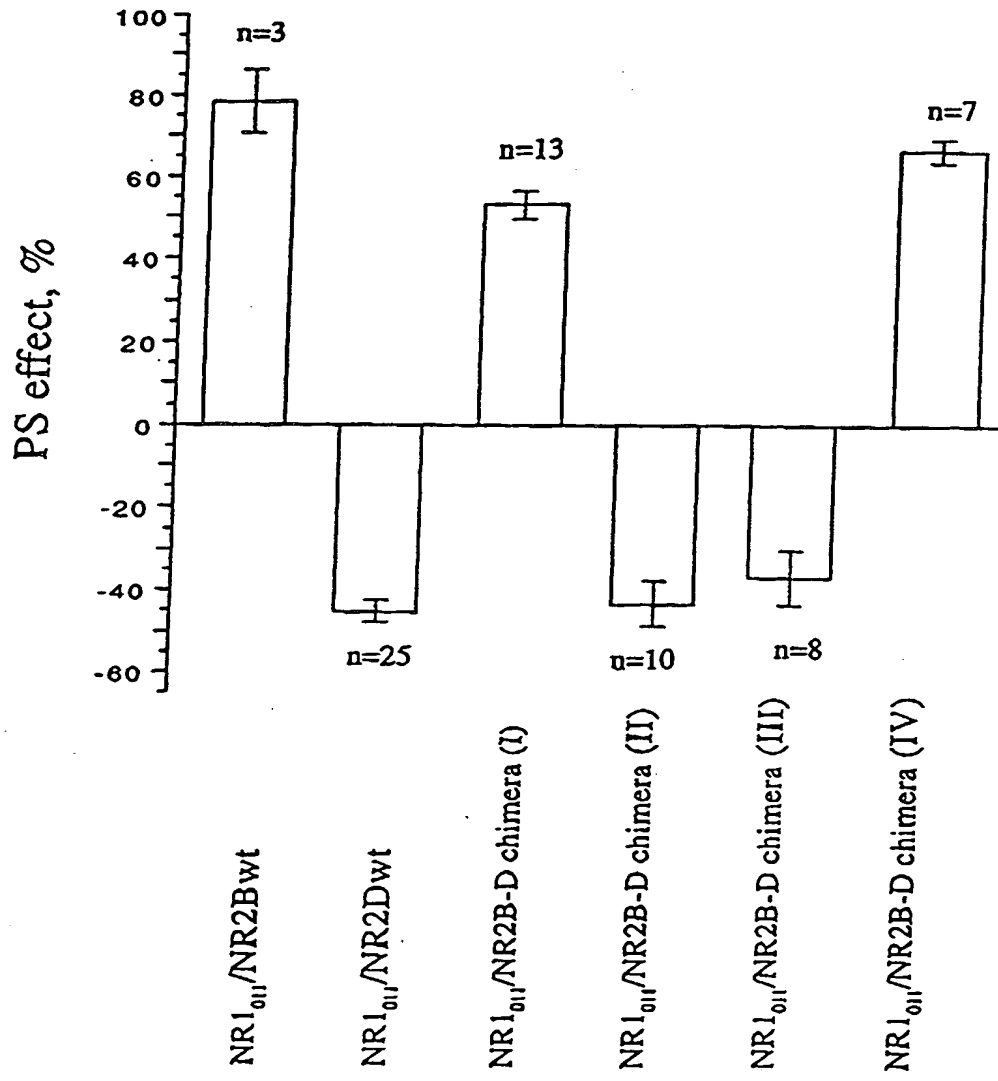


FIG. 32